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# The University of Chicago

FOUNDED BY JOHN D. ROCKEFELLER

# QUARTERLY ANNOUNCEMENTS

THE AUTUMN QUARTER 1901

The University of Chicago Press

	IA. PHILOSOPHY	IB. Education	II. POLITICAL ECONOMY	III. POLITICAL SCIENCE	IV. HISTORY	V. ARCHÆ- OLOGY	VI. SOCIOLOGY AND ANTHRO- POLOGY	VII. COMPARATI RELIGION
8:30	1 Psychology <sup>1</sup> Sec a (Fite) C 12 B 10 Experim'tal Psychology (Angell and (Fite) B 16 Lect.: 8:30 Lab.; 8:30-10:30 or 3:00-5:00	28 Fundam'tal Principles in Nineteenth Century Theories of Education (Young) C 9 D	12 Economic Theory (Mitchell) C 3 c 44 Commercial Geography (Hatfield) C 10 c	12 Federal Gov't (Judson) C 9 c Prerequ.: III-1, or its equivalent.	2 Modern Period: (Caterall) C 6 A 10 Europe during the Reformation (Schwill) C 8 C 31 The Transition Period (Terry) C 16 C		72 An Introduction to Society (Vincent) C 7 D	
9:30		6 The Method of the Learner (Young) C 9 D		41 Elements of Internat'l Law (Judson) C 10 c Prerequ.: III-1, or its equivalent.	1 Mediæval Period: (Thompson) C 6 A 3 The United States (Catterall) C 8 C 13 Constitutional and Political History of England (Terry) C 16 C 100 Elem'ts of Hist. Method Criticism, and Bibliogr. (Jameson) C 9 C		30 Primitive Social Control (Thomas) © 13 c	
11:00	1 Sec c I (Angell) 2 Ethics I (Fite) C 9 C 4 History of Philosophy (Tufts) C 8 C		10 History of Pol. Econ. (Veblen) © 3 c	20 Federal Constitutional Law of United States (James) © 10 c	(Thompson) 15 31		14 Japan M 2T (Starr) W 42 House Sanitation (Talbot)	
12:00	45 The Evolution of Morality (Dewey)		37 Money and Practical Economics (Laughlin) © 3 c 46 Commercial Treaties (Hatfield) © 8 c	States (Merriam)  (Merriam)  ( 8 F  ( Nine Majore	3		6 Prehistoric Archæ- ology (American) M 2T (Starr) W	
2:00	1 Sec b <sup>1</sup> (Ames) (Ames) C 12 E 23 Ancient and Mediæval Philosophy (Tufts) C 13 C		1 Principles of Pol. Economy (Miller) © 3 of Political Economy (Mitchell) © 8 of Political Economy (Mitchell)		of Persian Empire		51 Contemporary Society in the U. S. (Vincent) C 8 B 79 The Sociological Conception of Society (Small) C 16 c 88 Seminar: Problems in Methodology and Classification (Small) C 2 c Mo 2: 00-4:00 7 Phys. Anthropology Lab. work (Starr) CO	
3:00	10 Lab. See 8:30		18 Finance (Miller) C 3 c 25 Oral Debates Mj. (Hill and —) (T 6 f Mo 3:00-6:00 27 Argumentation (—) M	(Freund)			11 Lab, work in Anthropology (Starr) VOI 45 Sem. in Sanitary Science (Talbot) 94 The Premises of Gen'l Sociology (Small) C 16 C	1 An Outlin History o Religion (Goodspe
4:00		,	W C 16 H 30 Railway Trans portation (Hill) C 3 G	(Judason) & 1	the Middle Ages (Wergeland) C 8 ( Mo, W 4:00-6:00  111 British Aministration o the American Colonies.	g c f		
5:00		e l	express to their deans abona fide intention to elect 2 in the Winter Quarter.  Courses 1 and 2 form the two Mojors requires	an adequate course in Civil Government, sub- a stantially equivalent to the above, in the high r school or academy, wil- be excused from thi- il course: Other wis- il Course I is a prerequisit- to all courses in the de- partment (except the Courses 23 and 32).	I See for the required courses the Annual Register, 1900, p. 179.	_		

# I. COURSES OFFERED BY THE FACULTIES OF ARTS, LITERATURE, AND SCIENCE—REVISED FOR AUTUMN QUARTER, 1901 Leaverclass daily for a signeral printed in statics, Senior College Courses are printed in statics, Senior College Courses, Senio

II. RATIY GION	VIII. SEM. LANGUAGES AND LIT	IX. BIBL. AND	X. SANSKRIT AND INDO-EUR. COMP PHILOL.	XI GREEK	XII. LATIN	X111 ROMANCE	XIV. GERMAN	XV ENGLISH	XVII. MATHEMATICS		XIX. PHYSICS	XX. CHEMISTRY	XXI. GEOLOGY	XXII. ZOOLOGY	XXIII ANATOMY	VXIV PHYSIOLOGY			BACTERIOLOGY	PUBLIC SPEANING	ANNI PHYSICAL CUL		
	37 Prophecy and the History of Produ- ovy (W. R. Harper) 19.21 43 Hebrew Philosophy and Ethics (W. R. Harper) 19.17 (W. R. Harper) 19.17 (a. 107 ½ M) Su			Pracego XI / 3	Sec b (Miller) C 15 u  Bec b (Miller) C 15 u  Bec b (Chambler) C 7 a  Fracely XI 4  3RA Teachers' Training  Course (Hule) C 8 u	Sac b (Williamson) Sac 3 oo C Bb 41 Dante: il Purgutarta (Huwhanil) C 14 c	18 Goethe's Lyric Poetry as an Exponent of bis Life (you klenzu) C 9 n		D Sainti Geometry: See D (A. W. Smith) M°S See T (O) 1 Trigonometry? (Boyd, Veb Div a Len, Young) Clin 11 Culculus 12   Munrol M°S Percept Claim 13 23 Adv. Integral Claim 13 Precept calculus 1 Precept calculus 1		Millikun, Hobbs, and (fale) K 41 Sec a 8 30-re: 30 37 Dynamics (Gale) K 32 Lect.	23 General Chemistry (M) (Smith) R 20 Tu, W  3B Arimatic Series (M) Mo, Th (Stieglitz) R 23			1 Histology and Cytology  (Eyclesburer, Livreesty, and Reeti. See a Mo Leet Th, Fri  14 Histology and Cytology M 17  (Eyclesbymer, Hardest), and Reeti. See a Mo Leet They are the theory and (Assistante B Leet. They are the color of the col	(Lingu) Pr		tO Luis Work (Danje) & 3 Mj. Pu, Th. Pir 8, 30 10 30 DMj. Pu, Th. Pir 8, 30 10 30 and Pi. 20 1. co. Sen 9 30 Lat lee 8	Son 1 co mil 3 co	TR In			3:30
	22 Lineral Survey of D. T. Literalure and History (W.R. Hurper) 5 17 45 Lineral Introduction to the Textun (riticlem of the O. T. (Hirsch) 5 21			(Digmu) © 12 n 47 (frock Inserty tions (Tarladl) © 2 n	Proceed XI 4 and 5 18 Seneca (Phamilor) © 7 n	B Modern Italian Novels and Comedies DM 27 (Howland) C 44 c Sun 3:00 10 Elementary Spanish (Pintreli) C 3 c	(Kerth) C Din 36 Ontline Study of German Ellerature (van Kienze) C 9 u	Trings & 10 U	3 Analytic Geometry! Prenogu XVII. 2 17 Adv. Algebra I (Bidzn) 竹 S Preng Piene Analytic and titler 13 Theory of Functions of Real Ventribles (Miscore) 氧 35 Crerego XVII-19, 11 and 2			18 General Chemistry, Aitiv (Lendeli) Sec a, Lab., Tu, W Sec a, Lab., Tu, W Sec a, Lab., Tu, W t General Chemistry, Elemi (Smith) Sec b, Lab., Th, Fri 10 00-7 00 R: 36 Lect., sec 72 00	Mineralogy (Iddines) Wi		DM 21 tlarker, Amour, Flint, Leet. W. Kyes 124 Lab. Work Kyes 124 Lab. Work Hardesty, and Seight Hardesty, and Seight Hardesty, and Seight Hardesty, and Seight Hardesty, and Assisting 124 Lab. Work (Eyderdyme, Hardesty, and Assisting 124 Lab. Tay, W. San Seight Hardesty, and Assisting 124 Lab. Tay, W. San Seight Hardesty, and Assisting 124 Lab. Tay, W. San Seight Hardesty, W. San Seight Hardesty, W. San Seight Hardesty, W. San Seight Hardesty, W. San Seight Hardesty		Norvous System			th Regar Compac (Cloronich) B. 14 Socse Tu, Fit 4 Onatory and Forensis (Munclour) 1 Principles of Vo- cal Expression (Clark) B. th	0°45 (Paynet Ca	nrut ndley)	9:30
	oristure and Life (Hirsel) 15 23 81 Karlier Suras of	Times in Pulsa- time (Muthews) 19 20 (Mon to Kenin College aludouts 25 The (Inspect of Mutthew (Burline) 19 29	(Buck)	Mond Ortho; Xenaphon, Monorabilitie (Dwon) C Ele 3 Homer; Odys, sey* (Dignan) C 16 D Postogn XI-2	A Givera, Orational Sea of Heebird) C.8 at Suc b (Frank) C.16 at Suc b (Frank) C.16 at Marie (Planmann) C.11 at Marie (Planmann) C.11 at Marie (Planmann) C.7 at Junio Galley Pietre (Handrickunn) C.7 at Junio Galley Pietre (Luling) C.12 at Marie (Luling	(Junkins) © 16 n  3 Freuch Prime Compositions (Clyrian) © 17c  4 French Comedies* (Pintach) © 16 s  Pareno Fons Mg in Fonsil, including French Languellian	5 Modern Gerann Comedius (Ken) & 10 B Pieteg XIV 1, 44	1 Sec C (Casti 3 English Compositions (Linn) C 10 n 4 English Composition (Clirrick) C 3 n 40 Intrul, to English Lat. (MacClinitock) C 6 A 41 Shakspere (Carpenter) C 7 n 70 Shakspere (Tolman) C 15 n 85 The Drams in England from 150 to 16st (Mindly) C ti p	Suc 8 : 30   52   Theory of Functions 1   (Mascike)		(Millikan, Index, and Gale) R H See b 12 00-1700 I Molecular Physics (Millikan) R 22				(4, 5, 61 Lab, Work (hegamers) 2T (Barker, Fint, and Assistants) 8 Scot 0 30 7 co. See 7 co and a condition of the see 1		Light fee 8 Mt	7 Lab. Work (Dayle W.d. Moy, W. Filter or co. Sea 12 co		See a Mo, Th	Ic Dande balls 3a v (Payne) ii v 1 1 1 2 2 Truck and Fladd Althetics 9 1 Stagg) ii: t5 Pese	itraise)   18   18	1:00
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	1 Hidaew Langenige (Price) \$9 21 (Price) \$9 21 10 The History of Antiquity through Hat Pressin Empire (Goadepreal) \$9 39	thing Endstlos				1 Elementury Freucht DMI Se ca (8) C 17c See 30 C 17c 2h French Short Nortes (Williamson) C Fc 2 Classic French Drama: Corneille (Wallnee) C 8c		1 Nee d' () C N n 3 Nee n' (Bruère) C 100 21 Old Englith. Elementary Course (Bluckburn) C 7 to 22 English Mortried Romanice Marily C 9 n 35 English Lauginga Seminar Mo 2: co 4: con (Bluckburn) C h Mo 2: co 4: con 10 c 10 c 48 English Literature, 783 1893 (Tollumi) C 15 to		Mechan- ics (Lavus) 10:35 Vroreq, lift forential and in-					(4, 5, 5) A System Human Anat, Mark DM 2T (Harker, Arnaut, Flish Linet, Mo, Pri Neno 2, Nyon; P. 3 Human Osteology M. 13 Human Osteology M. 13 Human Osteology M. 14 Linet, M. 14 Nore a Mo, Tu 3 00 5 00 Recit. See a Mo, Tu 3 00 5 00 Recit. See a Mo, Tu 3 00 5 00 Intoduct Human Market Marke	Luct. Th Suc 2 oo 13 Lab. Work (Lyon, Langle, Fischer Th, F 2 00-5:00 f Suc. b							2:00
ry of 1 (a) 1 (b)(a))		cione of the N. T. (Volum) 10-28		O The Lyric Poets and Theocultus (Cherm) C 2 n		8 Elementary Italian Date (Howland) C 11c	(Schmidt-Wartenherg) C 9 n	1 Nec e <sup>1</sup> (Bruère) C N D 9 and 10 Nec Political Beconomy, 25 und 27 28 Chaucer The Canterbury Tales (Munly) C 10 D 36 Histary of Old Engl. Lit. (Blackburn) C 7 D 98 English Navel		34A The Theory of Absolute Perturba- tions, 11 (Laves)		(Stinglitz)	20 Petrology		0 Introduct Human Anat. M. Lact. Th. Fri 3 co-3 co. Cabentaria 1 Santaria 2 Chemory West 2 Chemory West 2 Chemory West 2 Chemory West 2 Chemory Work Sec. M. O Laboratory Work Sec. M. Th. Fri 3 co-3 co. Santaria 2 Chemory Work Sec. M. Santaria 2 Chemory Market 2 Chemory Work Sec. M. Santaria 2 Chemory Market 2 Chemory		5 Sundant (Daughbean Tu 3:00 5 c Admission to th sending the sonsilt than with head department	20 Plant Physics Leet (Hurmon) Tu, Th will Since 200 Preceque XXVII /	I Gen, Bacteriology 3Ms (Jordan, Widle, Wherry, and Assistants) P Reelt. Sec. b, W Mo, Tu 2 00 5 ox Suc 8 30 and 2 00 Lab for \$100	1A Requ. Course (Borstiele) R 1 Size e Mo, Th O Otal Debates M (Hill, Low att, Blanchard Rel Mo 3 00 5 00	13.1	Slean'y carrer (arabee) 3:45	3:00
•	0 History of the Universe (Goodspood) 18 31 8 History, Principles, and Mothers of Old Testiment Interpretation (Price) 18 Beginners' History.	Synoptic Hos- juds (Intrion) 19 28 Tu, Pri 4:00 5:00 Present The regulted		06	7 Sentiur II (Hendrickson and Lating) Tu 4 00 6 00	Comedies DM 27 (HiewInni) C He Suc 9:30 5 The Romantic Move- ment Lyric Pactry (Wullner) C Sc	40A, 40B fremunic Phonology and Morphidogy Mj (M I and 2T) (Schundt-Wartenherg) C 9 n	(Hummond) C 15 D 102 Studies in American Litera ture (Triggs) C 9 D 57 Studies in the Literature of Classical Period (Reynolds) C 9 D W, Frl 4:00-6 00			40 Development of Physical Iduas (Mann) 17 32	Lact. Th R 22 Lab: 10 hours a wask R 31 Prerequ XX-6, 7 Lah fee \$5.00	Mj or DNj (Idding«) un		(4, 5, 6) Lab. Work (heginuers) 27 (Barker, Plutt, and Assistants) 2 (Barker, Plutt, and Assistants) 2 (Barker, Plutt, and Assistants) 2 (Barker, Plutt) 2 (Barker, Plutt) 2 (Barker, Plutt) 3 (Barker, Plutt) 3 (Barker, Plutt) 4 (Barker, Plutt) 4 (Barker, Plutt) 4 (Barker, Plutt) 4 (Barker, Plutt) 5 (Barker, Plutt) 5 (Barker, Plutt) 5 (Barker, Plutt) 5 (Barker, Plutt) 6 (Barker, Plutt) 6 (Barker, Plutt) 6 (Barker, Plutt) 7 (	Th (Look)	D			Seo H 25	1k Advanced De Hyministics (Butterworth) Hadded be condidated for the Upmentle Team 2 or Foreign and the Upmentle Team Place Team Pl		4:00
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# LABORATORY, RESEARCH, AND SEMINAR COURSES

in which the hours are to be arranged with the instructors.

#### IA. PHILOSOPHY.

13 Experimental Psychology: Research (Angell and Fite).

#### IB. EDUCATION.

- 9 Educational Uses of the Domestic Arts (Harmer).
  - Lab. fee of \$2.50 to cover materials used, is charged.
- 31 Seminar: (Dewey.)

Open only after special consultation with instructor.

33 Special Research (Dewcy).

#### II. POLITICAL ECONOMY.

53 Economic Seminar (Laughlin).

# VIII. SEMITIC LANGUAGES AND LITERATURES.

- 61 General Introduction to Rabbinical Literature and Life (Hirsch).
- 102 Arabic Composition (Breasted).
- 109 Phoenician (Willett).

#### XV. ENGLISH.

24 Old English: Special Reading. M or Mj (Blackburn).

#### XVII. MATHEMATICS.

35A, B, C Mathematical Reading and Research (Moore, Bolza' and Maschke).

#### XVIII. ASTRONOMY.

- 51 Astronomical Spectroscopy (Frost).
- 53 Solar Physics. DMj (Hale).
- 56 Stellar Spectroscopy. DMj (Hale).
- 57 Stellar Spectroscopy. DMj (Hale).
- 58 Celestial Photometry (Frost).
- 59 Astronomical and Astrophysical Research (Hale Barnard, and Frost).

# XIX. PHYSICS.

32 Experimental Physics (Michelson).

Prerequ.; XIX-16, 17, 18.

33 Research Course. DMj (Michelson).

# XX. CHEMISTRY.

- 8 Advanced Qualitative Analysis. Mj or DM (Stieglitz).
- 11 Advanced Quantitative Analysis. Mj or DM (Stieglitz).
  Prerequ.: XX-10.

20, 21, 22 Organic Preparations. M or DM (Nef). R 21 25, 26, 27 Inorganic Preparations. Mj or DM, (Lengfeld). R 21

25, 26, 27 Inorganic Preparations. MjorDM, (Lengfeld). R21
Prerequ.: Qualitat. and Quantitat. Analysis, and knowledge of French and German.

33a Research (Nef). Tk 24

33a Research (Ner). R 24
33b Research (Smith). R 24

33c Research (Lengfeld). R 24

 $^{\rm I}$  Courses 1 and 2, or  $1\overline{A}$  and 2A, are required of students in the College of Science who did not secsive credit for Chemistry on admission.—The lectures and class-room work of Course 1 may be taken by Graduate students without the Labor atory work or laboratory fee.

 $^2$  In cases of conflict arrangements may be made to work Wed., 2:00-5:00, or Sat., 8:00-1:00, but not at any other time. Each section is limited to 60.

3 Each section is limited to 60.

4 Courses 6, 7, and 8 constitute three quarters' work, and may be begun any quarter. Any one of these courses may be taken as a Mj or as a DM. The same arrangement holds for Courses 9, 10, and 11. Laboratories are open daily, 8:00-6:00 (Sat., 8:00-1:00.) Instruction given Mon., Th., 2:00-5:30, and Fri., Sat., 9:00-12:30 only. Students must register with the instructor for definite hours covering at least

two-thirds of the assignment within these limits, and must secure a desk. The number of desks is limited, and registration is incomplete until the desk is secured.

5 Courses 20, 21, and 22 constitute three quarters' work, and may be begun any quarter. Any one of these courses may be taken as Mj or as a DM. The same principles apply to Courses 25, 26, and 27.

Note. — Laboratory fees are due in addition to the tuition fecs for all laboratory courses in the Department of Chemistry, as follows: M courses, \$2.50; Mj or DM courses, \$5.00; DMj courses, \$10.00.

#### XXI. GEOLOGY.

- 22A Special Petrology. Mj or DMj (Iddings).
- 23 Special Palæontologic Geology. Mj or DMj (Wellcr).
- 30 Principles and Theories of Geology. M or Mj (Chamberlin). Prerequ.: XXI-7 and 8, or their equivalents, the Elements of Mineralogy and Petrology, and their Antecedents.
- 33 Special Geology (Chamberlin and Salisbury).

# XXII. ZOÖLOGY.

- 15 Comparative Anatomy of Vertebrates. Mj or DMj (Lillie).

  Prerequ.: XXII-1, 2, 3.
- 31 Variation. Mj or DMj (Davenport).
- 34 Experimental and Statistical Zoology. Research. DMj (Davenbort).
- 37 Seminar. Mj (Whitman, Davenport, Lillie, and Child).

  For Research students
- 39 Zoological Problems. Research. DMj (Whitman, Lillie, and Child).

Prerequ.; Elm. and Adv. courses in General Biology, Embryology, Anatomy, and Histology.

# XXIII. ANATOMY.

# (4, 5, 6)C Recitations (Armour, Kyes, Lewis).

Secs. a and b.

10 Advanced Work and Original Research (Barker and Assistants).

Note.—The laboratories for dissecting are open every day from 8:30 A.M. to 6:00 P.M. (Saturdays till 1:00 P.M.) during the Second Term of the Autumn Quarter, during the Winter Quarter, and during the First Term of the Spring Quarter, and students are allowed to work extra hours in the laboratory at any time during these periods.

### XXIV. PHYSIOLOGY.

- 15 Special Physiology of Mammals (Lyon and Fischer).
- 42 Research work in Physiology. DMj (Loeb).

# XXV. NEUROLOGY.

9 Research: The Study of Neurological Problems (Donaldson).

Prerequ.: A knowledge of the main facts of Neurology.

#### XXVII. BOTANY.

- 19 Research in Morphology. Mj or DMj (Coulter, Barnes, Davis, and Chamberlain).
- 38 Seminar in Ecology. Mj or DMj (Cowles).
- 39 Research in Ecology. Mj or DMj (Cowles).

# XXVIII. PATHOLOGY AND BACTERIOLOGY.

- 5A Advanced Bacteriology (Jordan).
- 10 Research in Pathology. Mj or DMj (Hektoen and Wells).
- 11 Bacteriology. Research. Mj or DMj (Jordan).

# XXXIII. MILITARY SCIENCE AND TACTICS.

1 Lectures on Military Science (Brinkerhoff).

Day to be announced. Open to all. Registration not required.

2 Military Drill (De Sombre).

Open to Senior College and Graduate Students.

May be taken in lieu of required work in Physical Culture.

# II. COURSES OFFERED BY THE FACULTY OF THE DIVINITY SCHOOL

REVISED FOR THE AUTUMN QUARTER 1901

	XLI. OLD TESTAMENT LITERATURE AND INTERPRETATION	XLII. NEW TESTAMENT LITERATURE AND INTERPRETATION	XLIII. BIBLICAL THEOLOGY	XLIV. SYSTEMATIC THEOLOGY	XLV. CHURCH HIS- TORY	XLVI. HOM- ILETICS	XXXI PUBLIC SPEAKING	MUSIC
8:30	37 Prophecy and the History of Prophecy (W. R. Harper) 10 21 43 Hebrew Philosophy and Ethics (W. R. Harper) 14 or 1/4 Mj Su 10 17		A37 Prophecy and the History of Prophecy (W. R. Har- per) 10 21		1 Outline of Church His- tory (Moncriof) 10 36 A required course.			,
9:30	22 General Survey of O. T. Lit. & History (W. R. Harper) 10 17 A regulared course. 45 General Introducti'n to the Textual Criticism of the O. T. (Hirsch) 10 23				15 The Preparation in England, Bohemia and Germany for the Reformation (Moncrief)			Music.
11:00	61 General Introducti'n to Rabbinical Literature and Life (Hirsch) to 23 91 Earlier Suras of the Quran (W. R. Harper) Mo. 11:00-1:00 to 21	10 History of New Testament Times in Palestine (Mathews) 10 26 A required course. (Open to Senior College Students.) 25 The Gospel of Matthew (Burton) 10 28 Prerequ.: Courses 1 and 10.						2 Church Music. Hour to be stranged
12:00		19 The Life of Christ (Mathews) 15 28		34 The Theological Significance of Leading Movements of thought in the Nineteenth Century (Smith) 10 26			21 Practical Public Speaking (Blanch- ard) 18 16	
2:00	1 Hebrew Language (Price) b 21 30 The History of An- tiquity through the Persian Empire (Goodspeed) b 31	32 Paul's Corinthian Epistles (Votaw) 15 28		2 Apologetics II. History of Apologetics. (Foster) 10 36 Prerequ.: XLIV-1		6 Church Polity and Pas- toral Du- ties 15 26 (Anderson) A required course.		Sight Singing and Voice Training.
3:00	13 Books of Kings and their Parallel Assyr- ian Records (Price) 15 23	8 Textual Criticism of the New Testament (Votaw) b 28		22 Outline Course in Theology (Smith) 10 31 A required course.	6 The Conversion of Northern and Western Europe (Hulbert)	(Anderson)		ght Singing and ir to be arranged.
4:00	28 Hist, of the Hebrews (Goodspeed) 10 31 46 History, Principles, and Methods of O.T. Interpretation (Price) 10 21	61 Seminar: Theology of the Synoptic Gospels (Burton) Tu, Fri, 4:00-6:00 Prerequ.: The required courses and 25 (or 27).	the Synop- tic Gospels (Burton) Tu, Fri, 4:00- 6:00	Ritschland of the Ritschlians (Foster) 15 33 Th 4:00-6:00	Church			1 Si Hon
5:00				35 Herrmann's Ethik (Reading in German) (Smith) Hour to be ar- ranged with the In- structor.				

# EXPLANATIONS AND NOTES

# I. MATRICULATION AND REGISTRATION.

# 1. Time of Registration.

- a) Students in residence during the Spring Quarter will register for the Summer and Autumn Quarters beginning Tuesday, June 4, 1901.
- b) Students entering the University for the first time, or resuming work after an absence of a quarter, will register for the Summer Quarter on or before Wednesday, June 19, and for the Autumn Quarter on or before Tuesday, October 1, 1901.
- 2. Order of Registration. The usual registration cards will be tilled with names of departments and numbers of courses selected, and will be left with the clerk of the dean with whom registration is
- 3. Changes in Registration.—Registration being once effected, change of the same is permitted only 1) with the consent of the Dean, and 2) on payment of a fee of one dollar for each instance of change. (See II, No. 4.)
- 4. Abbreviations. The following abbreviations are
  - a) For Buildings:

A = Anatomy Building.

B=Botany Building.

C = Cobb Lecture Hall.

G=Gymnasium Building.

b = Haskell Museum. k = Kent Chemical Laboratory.

Tkl=Kelly Hall.

D=Physiology Building.
R=Ryerson Physical Laboratory.

TCI = Walker Museum. Yerkes Observatory.
 Z = Zoölogy Building.

- b) For Rooms: A, B, C, and D refer to the floors in Cobb Lecture Hall, beginning with the ground floor as A. The rooms are numbered, e.g., C2D = Cobb Hall, Room No. 2, 4th floor.
- 5. Required Physical Culture. Juniors are required to take continuous work in Physical Culture, and will register each quarter for a course in that department. Seniors elect courses in Physical Culture during at least four quarters, and will in no case omit to register for a course in that department except after securing the written approval of the Director of Physical Culture, and presenting the same to the Dean at the time of registration.
- 6. Military Science and Tactics. Students may register for Military Science in lieu of required work in the Department of Physical Culture.
- 7. Required Elocution. All Juniors upon completing the first Major in required English will register for Elocution during the next two successive quar-
- 8. Other Required Subjects. For all other required courses see the CIRCULAR OF INFORMATION of the Colleges.

# II. FEES.

ALL FEES ARE PAYABLE TO THE REGISTRAR, COBB LECTURE HALL, ROOM A 1.

Special Notice.—All tuition and laboratory fees are due and payable on or before the first day of EACH QUARTER.

- 1. Matriculation Fee.—The Matriculation fee is \$5.00.
- 2. Tuition Fee .
  - a) The Tuition fee is \$40.00 (including the library and incidental fee, \$5.00) for regular work (3 Majors or their equivalent); there is no reduction for those taking only 2 Majors.

b) A reduction is made in case of students taking only 1 Major (or equivalent), one half the full

tuition fee being charged.
c) Undergraduate (including Unclassified) students taking more than 3 Majors, will be charged (in addition to the regular tuition fee), at the rate of \$15.00 for each additional Major.

- 3. Fee for Late Registration.—An extra fee of \$5.00 will be charged all students who fail to register within the appointed registration periods, as announced above, or who fail to pay all University bills before the close of the fifth day of the quarter.
- 4. Fee for Change of Registration.-The fee for a change of registration is one dollar. The student in such case will present to the Registrar a permit from his dean.

5. Laboratory Fee.-

a) A Laboratory fee of \$5.00 will be charged for each Major course in Chemistry, and \$2.50 for each Major course in each of the Biological Departments (XXII-XXVII). Ten dollars (\$10.00) is the maximum charge for Laboratory work in any one department. (M and DM; courses will be charged in proportion.)

b) In addition to the regular Laboratory fee, students will procure a coupon ticket, entitling them to \$5.00 worth of Laboratory material. Unused portions will be redeemed.

6. Room Rents, varying from \$20 to \$57 per quarter, are payable not later than the fifth day of each quarter.

By the munificence of Mr. John D. Rockefeller, Divinity Halls, accommodating 140 students, have been erected upon the University grounds in which furnished rooms are rented to students regularly matriculated in the Divinity School at from \$8.00 to \$12.00 a quarter, this charge being intended to cover the expense of heat, light, and care of room.

Applications for rooms should be sent to the Registrar of the University.

Divinity Scholarships and Fellowships.—Through the coöperation of the University, the Baptist Theological Union, and the Northwestern Baptist Education Society, the Graduate Divinity School is able to offer to approved applicants Annual Scholarships varying from \$105.00 to \$255.00 a year (\$35.00 to \$85.00 a quarter), and to a limited number of students Fellowships of \$420.00 a year.

To applicants whose credentials are satisfactory, these Scholarships and Fellowships will be assigned before the student comes to the University. Students who desire to receive such aid are advised to make application in advance. Address, The University of Chicago, Chicago, Ill.

# SUPPLEMENTARY ANNOUNCEMENTS

FOR THE AUTUMN QUARTER, 1901.

THE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE.

IA. PHILOSOPHY.

ROOM CHANGED.

10. Experimental Psychology will be given at 5704 Ellis avenue, 8: 30 and 3:00.

IB. EDUCATION.

HOURS GIVEN.

31. Seminar (Dewey), Mental Development, Tues. 4:00-6:00.

9. Educational Uses of Domestic Arts (Harmer), Mon. and Wed. 2:00-4:00. 5412 Ellis avenue.

II. POLITICAL ECONOMY.

NEW SECTIONS.

1a. 9:30 (Hill), C 3 c.

16. 2:00 (Miller) C 3 C.

HOUR CHANGED.

30. Railway Transportation, from 4:00 to 11:00 (C 4 c).

III. POLITICAL SCIENCE.

ROOM CHANGED.

41. Elements of International Law, from C 10 C to C 9 C.

COURSE WITHDRAWN.

20. Federal Constitutional Law of the United States. This course will be given in the Winter Quarter.

IV. HISTORY.

ROOM CHANGED.

100. Elements of Historical Method, to C 10 C. Courses 4 and 19 will be given in H 26.

VI. SOCIOLOGY AND ANTHROPOLOGY. COURSES WITHDEAWN.

14 and 6, Anthropology (Starr).

VII. COMPARATIVE RELIGION.

ROOM CHANGED.

Course I will be given in H 25.

VIII. (See Department XLI.)

XII. LATIN.

COURSE WITHDRAWN.

5b. Livy (Chandler).

NEW COURSES.

6b. Horace: Odes (Chandler) C 7 B, 8:30.

4c. Cicero; Terence, etc. (Frank) C 8 B, 3:00.

4d. Cicero; Terence, etc. (Bechtel) C 9 B, 12:00.

XIII. ROMANCE.

COURSES WITHDRAWN.

41. Dante.

9. Modern Italian Novels.

83. French Phonology.

7a. Advanced French Composition.

12. Classical French Drama.

15. The Romantic Movement.

NEW COURSES.

54. Old Italian Readings (Howland) C 14 C, 8:30.

86. French Physiological Phonetics (Jenkins), C 16 D, 9:30.

18. French Drama of the Nineteenth Century (Howland) C 16 C, 11:00.

67. Old French Readings (Jenkins) C 14 C, 11:00.

92. Old Spanish Readings (Pietsch), C 16 C, 3:00.

# INSTRUCTORS CHANGED.

2a. French Short Stories will be given by Assistant Professor Ingres.

3. French Prose Composition will be given by Assistant Professor Ingres.

4. French Comedies will be given by Assistant Professor Ingres.

1a, Elementary French will be given by Miss Cipriani.

HOURS CHANGED.

10. Elementary Spanish will be given at 2:00 in C 9 B.

4. French Comedies will be given at 8:30.

CREDIT VALUE OF COURSE CHANGED.

8. Elementary Italian will be a Major instead of a Double Minor.

NOTE CORRECTED.

Note I should omit Course 5 in the first line and should read "five" instead of "six" in the last line.

# SUPPLEMENTARY ANNOUNCEMENTS

XV. ENGLISH.

COURSES WITHDRAWN.

- 4. English Composition. Students eligible for it will be admitted to 5.
  - 83. The Drama in England before Shakspere.
  - 85. The Drama in England from 1580 to 1642.

INSTRUCTORS CHANGED.

- 16. Mr. Chandler, 9: 30.
- 1c. Professor Herrick, 11:00.

HOUR CHANGED.

88. English Novel to 12:00 C, 8 D.

XVII. MATHEMATICS. COURSE WITHDRAWN.

53. Theory of Functions of Real Variables.

NEW COURSE.

53a. The Foundations of Analysis and Geometry: A Critical Study (Moore), R 35.

SPECIAL ARRANGEMENT FOR TRIGONOMETRY.

The divisions (1a, 1b) will meet October 2, in the Chapel at their respective hours, and will then be assigned to sections.

XX. CHEMISTRY.

CHANGE OF INSTRUCTOR.

1B and 25 will be given by Dr. McCoy.

COURSE WITHDRAWN.

Course 33c.

CORRECTION.

not Mon., Th.

XXIV. PHYSIOLOGY.

13. Laboratory Fee, \$3.00.

20A. Physiology of Secretion. Mj. Assistant Professor Mathews. Lecture, Tues. 9:30; Laboratory, Mon. 9:30-1:00 and Tues. 11:00-1:00.

20B. Chemistry of Digestion of Proteids, Sugar, and Fats; Advanced course. Mj. Assistant Professor Mathews. Lecture, Wed. 9:30; Laboratory hours to be announced.

Prerequisite: Preliminary course in Physiology, Qualitative and Quantitative Analysis and Elementary Organic Chemistry.

20 C. Research in Physiological Chemistry. Mj. or DMj. Assistant Professor Matthews.

21A. Research Work in Pharmacology. Mj. Dr. Koch.

The rooms in which the above courses will meet will be announced on the bulletin board in the Physiological Laboratory.

XXVII. BOTANY.

COURSE WITHDRAWN.

10. Special Morphology of Algæ.

Course substituted for 10 is Course 12 (10 will be given in the Winter Quarter instead of 12).

XXXIII. MILITARY SCIENCE AND TACTICS.

Open to all male students of the University. May be substituted for required Physical Culture.

ia. Lectures on vital military subjects, by Lieut. Col. H. R. Brinkerhoff, U. S. Army, Professor of Military Science and Tactics.

- 1b. Recitations in U.S. infantry drill regulations.
  - 1c. Physical exercises.
    - 1) Drill in U. S. infantry drill regulations; 2) Butts' manual with rifle; 3) bayonet exercises; 4) setting-up exercises; 5) gallery target practice in gymnasium; 6) range target practice at Fort Sheridan. Ammunition furnished.

Notes.-Arms and equipments furnished. No uniform required. Lectures and recitations each Monday from 4:00-5:00 P.M. Physical exercises (except target practice), each Thursday from 4:00-5:00 P.M. Gallery target practice each Friday from 7:00-8:00 P.M. First assembly in Gymnasium, October 3, 1901, 4:00 P. M. Drill.

# THE DIVINITY SCHOOL.

6, 7, Note 4. Instruction given Mon.-Th., XLI. OLD TESTAMENT LITERATURE AND INTERPRE-

HOURS CHANGED.

Courses 22 and 37 will be given at 4:00 and 5:00 respectively.

ROOMS CHANGED.

Courses 45, 61 and 13 will be given in H 33. Course 28 will be given in H 26.

NEW COURSES.

- 12. Deuteronomy (Willett).
- 58. Palestinian Life and Government (Willett).
- 99. Arabic Prose and Arabic Composition (Breasted) H 21.

109. Phoenician (Willett).

Hours to be arranged with the instructor.

XLIII. BIBLICAL THEOLOGY.

HOURS CHANGED.

Course A 37 will be given at 5:00.

start mes.

C43457

The University of Chicago

FOUNDED BY JOHN D. ROCKEFELLER

# **OUARTERLY ANNOUNCEMENTS**

THE WINTER QUARTER 1901

The University of Chicago Press

							NOTE.—Mj indicates M	ale
	PHILOSOPHY	IB. PEDAGOGY	II. POLITICAL ECONOMY	III. POLITICAL SCIENCE	IV. HISTORY	V. ARCHÆ- OLOGY	VI. SOCIOLOGY AND ANTHRO- POLOGY	VI
8:30	1 Psych'y' repeated (Moore) C 10 C 11 Experimental Psychology (Angell & Fite) Et 16 Lec: 8:30 Lab: 8:30-10:30 or 3:00-5:00	11 Experimental Pedagogy (Young) © 9 D	31 Comparative Railway Legislation (Hill) & 3 c Prerequ.: II-30. 40 Statistics (Ford) & 7 c	22 Comp'tive Politics—State Government in U. S. (Judson)	11 History of Europe in the 17th and 18th Centuries (Catterall) C 8 c  2 Modern Period 1 Required Course (Thompson) C 6 A	3 Topography and Ruins of Ancient Greece (Tarbell)	27 Race Development of Mind (Thomas) © 2 c 73 Public Opinion (Vincent) © 16 c	
9:30	2 Ethics 1 Sec a (Moore) C 10 c 32 Philosophy of Evolution (Mead) C 16 D	during 18th and 19th Cen-	2 Principles of Pol. Econ, con- tinued (Laughlin and Mitchell) C 3 c 34 Industrial Development of U.S. (Hill) C 13 c		1 Mediæval Period 1 Required Course (Thompson) ¢ 6 A 14 Const'l and Political Hist'y of England from Edward I to Revolution of 1689 (Terry) ¢ 7 c		24 Sociological Function of Art and Play (Thomas) C 16 c 2 Ethnology (Miller)	
11:00	2 Ethics 1 Sec b (Tufts) C 6 A 5 History of Mod. Philosophy (Moore) C 17 C 17 Comparative Psychology (Mead) C 16 I		11 Scope and Method of Pol. Economy (Veblen) © 3 c	17 History of Pol. Theory, to French Revol. (Merriam) C 1 c  23 Municipal Government (James) C 10 c	8 Feudal Age, 814-1215 A. D. (Thatcher) © 8 C 35 Hist'y of Eur. and Europ'n Instit'ns, 9th-12th Cent., continued (Terry) © 7 C 64 England under Stuarts, continued (Catterall) © 9 C		43 Sanitary Aspects of Water and Food (Talbot) p 56 The Group of Industrials (Henderson) C 16 C	
12:00	27 Leibniz and Kaut (Tufts) © 17 (	and Adminis-	(Laughlin)	21 Federal Constitutional Law of U.S. (James) (James) (Note.—Students who have not had 20 are admitted to 21 only with the assent of the instructor.	(Shepardson) & 16 D 23 Contemporary History of O, T., Egypt, Babylonia, Assyria (Goodspeed) 15 31		68 Philanthropy: Historic Forms (Henderson) C 16 c	
2:00	43 Psychology of Ethics (Dewcy) C 10 I 2 Ethics Sec C (Fite) C 15 I		18 Finance (Mitchell) C 3 ( 41 Advanced Statistics (Ford) C 13 (	(Freund) C10c	5 History of Ancient Greece (Goodspeed) 15 31 42 Hundred Years' War (Thompson) C 8 6 60 Introd. to Hist. Study of Italic Law (Wergeland) C 6 6 Mo, W 2:00-4:00 72 England and Her Foreign Relations since Peace of 1783 (Fellows) C 9 6		52 American City Life (Vincent) C17 of 80 Sociological Interpretation of State and Government (Small) C16 of	
3:00		7 Elementary Education (Bacon) C 8 0	26 Oral Debates (Hill, Lovett Blanchard) (## 30 Mo 3:00-6:00 See XXVIII-12; XV-I	(Freund) C 10 C	tury (Fellows)		46 Seminar (Talbot) ¶ 95 Outline of Genera Sociology (Small) ¢ 16 o	1
4:00	50 Seminar (Dewey) C 1 1 Th 4:00-6:00 Admission only hy pe sonal arrangement wit instructor.	-	16 Socialism (Veblen) © 3	of Illinois (Freund) C 1 c Mo 4:00-6:00	38 History of Civilization during Middle Ages, cont (Wergeland) & 6 o Mo, W 4:00-6:00 55 Mediæval Official Documents, cont. (Thatcher) & 7 o T, Th 4:00-6:00  91 Seminar in Eng. History		59 Seminar: Methods of Social Amelioration (Henderson)  Th 4:00-6:00  89 Seminar (Small) C 2 (Mo 4:00-6:00	c
5:00	*Prerequisite: 12 Mj of College work. R quired of all student before taking a Back lor's Degree. It may taken in the Junior Co lege.	5.4 5.2 5.3 5.3 5.3 6.4	only to students whe express to their deans to their deans to the control of the	o a o o o o o o o o	Development of Right and Powers of Parliament (Terry) © 7 ( F4:00-6:00 I See for these required courses the Annual Register, 1899, p. 204.			
	Course 14 see p. 6		Course 54 see p.	6	Course 96 see p. 6	11		1

# I. COURSES OFFERED BY THE FACULTIES OF ARTS, LITERATURE, AND SCIENCE—REVISED FOR WINTER QUARTER, 1901 (Elevercise daily for a quarter); M. Minur (=1 exercise daily for a quarter); M. Minur (=1 exerc

I = I exerc	ise daily for a quarter)	; ar allmir (>1)	- Lorenso danny n						II XVI.		3132-4-			11							XXIX. PHYSICAL CULT	TURE A	ore II	
COMPARA- RELIGION	VIII. SEM. LANGUAGES AND LIT.	IX. BIBL. AND PATRISTIC GREEK	X. SANSKRIT AND INDO-EUR COMP. PHILOL	. Al. GREEN	3111		XIV. GERMANIC		(In English)		XVIII. ASTRONOMY		XX. CHEMISTRY		XXII. ZOOLOGY	YMOTANA	PHYSIOLOCY	NEUROLOGY	XXVII 80TANY	XXVIII. PUBLIC SPEAKING	For Junior and Sunior Colle		SIC on its are mil- ary	
	22 General Survey of O. T. Literature and History Required course (W. R. Harper) 10 17 77 Early Asyr. Hist. inscriptions (R. F. Harper) 10 23 98 Philos. Lit. of Arabians (Hirsch) 10 21	8 Textual Criticism of the New Textsamont (E. J. Goud- spreed) 19 28 19A Historical Study of the Life of Christ					(('ntting) USB			1b Plane Trigonometry: [Buyd] C 11 n Buyd] C 11 n Buyd] C 11 n Dickson] C 8 n 13 Calentins II (Slaught) C 10 n Presqu XVII-1; 2 6 Advanced Integral Cale, II. (Moore and Maschke) R 3 Fretery Cale and gits algorithms of the State of the Stat						2 Nicroscopic Alaxomy Barker and Hurst-sty) Barker and Hurst-sty) Lab. Mo, W 8 23 27, Lab. Mo, Ta W 8 20 12 00 12 10 Lab. fee, 82 30 Presequ. XXIII-1, Feguli alent	and Spec'l Physiol's DMj (Loeb) p 42 (Sea to m) Lab fee, \$7 00 Prarequ XXIV-8, 9, 10		14 Special Morphallogy of 63 mnesperms DMj (Coulfor and Chandwellom) & 24 Lub.; T. 7th, F 8, 30 10; 30 Freequ XXVII 4 9 26 Guographic Botany (Cowlow) & 38 Freequ XXVII 3, and preferably likal thesbogy	1n Reyn. Course, repeated No. Th (Gorsuch) Ik 14 2a Regu. Course. No. Th (Clark and Blanclurd)		d Elom'y Advai Cuntse (Dudley) (Willi	neori iony inms) K II	3:30
	1 Heb. Language (W. R. Harper) D 21 70 Biblical Aramaic M First Term (R. F. Harper) D 23 71 Targum M Second Term	44 Rapid Radding in the Septine- gint (E. J. Gund- speed) 5 24			See a (Wolcott) Clin		Wallenslein		1	1a Plane Trigonometry 1 2b College Algebra 1 (Shaught) G S D 40 Calculus of Variations (Bolza) K 36 Prereq Adv Integral Calculus	7 Introduction to Celestial Mechanics (Moulton) 1R 35 Prereque Calculus	3 Gen'l Physics (Millhkan and Hobbs) 1R 41 Prerequ XIX-1		4 Descriptive Mineralogy and Determinative Mineralogy (Iddings) Wi Prerequ XXI-3.				CHaracters as	14 Special Morphology of Fymnosperms DMj (Coullar aml Chamberlam) 15 III Lect.: Mo, W (See X. Jin) Prorega XXVII 4, 9	26 Regn. Course, Mo, Th (Clark and Blanchard)			BC 115	9:30
	7 Heb. Sight Reading (Smith) 10°3 69 Rabbinneal Philos. DMj (Hirseh) 10°3 11°100-11°0 92 Later Suras of Quran (W. R. Harper) 10°21 116 Semit. Semin. 111 (W. R. Harper) 10°21 Mo 11°00-11°00		2 Outlines of the Comp. Grammer of Grook and Latin (Buck) C 12 u Open to Soule College students					3 Sec 5 1, 2 (Linn) C 8 n 40 English Literature, 10 English Literature, 10 English Literature, 10 English C 11 n Pieropa XV 1 43 Bagi, Lit, 1559-1662 C 11 n (Hirrick) C 9 English C 9 English C 9 English C 9 English C 18 n 87 Bistory of Novel in England (Lovett) C 15 t		1. Plane Trigonometry 1 (Findlay) C 11 D (Findlay) C 11 D (Hoy4) C 10 D (Moy4) C 10 D (Maschko) R(34 Prereqs , XVII-11, IJ, I5, I7, 19, 21, 45	3 3 -	1 General Physics See 8: 30 12 Sound and Light (Mann) 18: 32 Presept AVII-12, 14, XIX-1, i, 3.					3 Physiology of Circulation, Metabolism, Heat, and Con- tral Nervous System (1.00b) \$\Delta 25\$ Mo-F\$ Preseque. XIX-1, 2, XX 1, 2		2 Kiron. Plant Physical tharnes & Livingston) Lect.: T, Th. % R Luh.; Mo, W, F. 11:00:1:00 % dl. https://doi.org/10.1001/10.10	repeated Tu, F (Gorshoh) R 11 2v Requ. Course, Tu, F (Clark and Blanchard)	2e Pole Hurdling and Sprinting für selected, men) (Stass) 10 20 4a General Work (Rayeroft) 11:15 In Setting np Drille, etc. (Payne) 11:45	3r. Adv'd Hist Curran (Furniss) 17:16 Plerequ 2 years	ory of lic. Linns). R in	1:00
	33 Contemporary History of O. T., Egypt, Babylonia, Asseria (G. S. Goodspeed) 19 31			(Dignan) & II i	48 Hist'y of Roman Literature: The Pautry of the Augustan Ago (Hendrickson) © 8 0 (Ballon) © 15 n	(Huwland) C 13 c 3 French Prose Composition r repented (Ingres) C 9 B		1 Rhetvric and English Composition 1 Line) C8 E. See a C8 E.		19 Adv. Algebra, II (Moore) R 36 Prerequ Flane Analylics and Differential Cale 49 Lie's Theory of Differential Equations (Dickson) R 38 Prerequ XVII-11, 2, 75, 27.  0 Solid Geometry (——) C 9 c			istry (Nef) W. Th. F 18 22		21 The Pathogenic Bacteria (Jordan and Davies) Lect., Mo. Tu, Z 4( Lab fee, \$2.50		l Introd. Physiology (Lingle) P 2		B General Morphology of Bryophytes and Pterodophytes (Davis) 55 3 Latel.: T. Th Latel.: T. Th Latel.: Associated as the Control of the Contro		1r Dumbells (Payne) 12:15 2b Baschall (Stagg) 1:75 3:00 Limited to these who bring a parmit earl from Professor Stagg	modiato	1	2:00
	13 Books of Kings and their Parallel Assyrian Records (Price) 15-21	,	4 Samskrit: Rending of Classical Texts (Meyer) C 12 ii Open to Senter			6 French Lyric Pactry! (Wallace) C Bi D 1 Src b DMj (Brank) C 15 B (Sec 8 30)	(Sec 8. 30) 42A Walther vien der Vogelweide (Cutting) © 9 B	1 Sec 64 (Brutere); 2 10 in 22 Old English, court. 7 in (Dannon) 7 in 25 Old English, Adv. Course (Blackburn) 6 9 in (Blackburn) 6 9 in (Blackburn) 6 9 in Mo. 2 104 4 in 48 Eng. Lit, 1832 1892 (Moody) 6 8 in		2c College Algebra' (Boyd) C II n [ASTRONOMY 6] See Dept. XVIII-6 (Laves) Prerenu. XVII-12, 14	6 Analytic Mechanics (Laves) \$6.35 Prerequ. XVII-12,	[ASTRONOMY 6] See Dept. XVIII 17 Experimental Physics, adv. 2:00-4:00 (Mann) 1R 19, 20 Presequ XVII-12, 14 XIX-1, 2, 3.	2 & 28 Lab. Work! (Smith) 6 hrs. weekly M-Fri 2:00-5:00 1	2 General Geology (Salisbury) TO Open to Seniors with- ord any percequ, and to Junios who have had Centre I or equivalent 11 Palæontologic Geology Mj or DMj (Weller) TO	2 Gen. Morph'nyl cont. (Child) Leet. Tu. Th. Z. 3. (Lub: 6 hrs. a week, r.M. lab fee, \$1.00 C. T. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	4. 6, 6 Systematic Humar Anatomy 3 DM. Each DM 1st Term: reponted 2d Term 4 Arm (Barker and Flint) 5 Head, Neck, and Thoracte Viscera (Flint) 6 Leg and Abdominal Viscera (Flint) Lect.: W 2:00 H 2: Lab.: Mo, W, Th, F 2 and Co. 8 th Section H 21	9 Ailv'd l'hysiol'; (Luch) 9 4 Th, F2:00-5:00 Lali, fce, \$2.50 Fiscequ. XXIV-2, 3	2 Grawth of the Brain and itse Physical. Characters as related to Intelligence (Donnlison). 21 27 Lab.: Th, F 2,00-4 90 (See B 30) Lab. (ec. \$2.50	Elementury Honny   Combers & Overline   Lock, T. Th.   26   Lub., Mo, W. F.   Lab. fee, 28,50.   18 Cytulogy (Chumber   Lub., Tu, F. 2 oo.   Lub., Tu, F. 2 oo.   Lub. fee, 42,50.   S 3   Lub. fee, 42,50.   S 3   Lub. fee, 42,50.   S 3   S 3   S 4   S 5   S	Te Requ. Course, reported Mo. Th. 18-14 Cliurshich 18-14				2:00
An Ontline listory of teligion 13. c. Good- peed) 10 31 on to Senior le students	(Price) 10 21	N. T. Liter- ature Required course (Burton) 10 28	(Meyer) C 12 B	(Shorey) C 2 B	6 Terence, Phormio; Tucthus, Germania and Agricolus See b (Bechtul) C 7 n 3 6 Horary: Odras See b (Dixon) C 15 n 6 12 Plautus (Hala) C 8 n	(See 8 39) C I C 34 Mollère (Wallacu) C 16 D 58 Old Fr. Gram. & Rendings, cont.	(Schmidt-War- tenherg) ¢9 B	3 English Composition 2 Sec a (Dinum) C 8 n 4 Engl. Comp. (Minody) C 10E 9 Argumentation (Livett) C 5 n 10 Oral Debates 5 (Hill, Lovett, 18 ancharr) Mo. 3:00-6:00230 62 Early Mid. Eng. (Manly) C 7 n	Survey of N. Testam, Literature (= IX-15) (Burton)		34 Theory of Absolute Porturba- tions: Lagran- go's Theory of Variation of Elements (Laves) R 35 Perequ. Diff and Integ Calculus, and			8 Struct'1 Geology & Cont'1 Evolution Mj or DMj (Salisbury) TII Perequ XXI-7. This course may well be followed by Course 9 21 Petrology Mj or DMj (Isldings) TII	6 General Biology (Davenport and Zoo logical Stuff) 2 40 (See 2 10) Lect.: Tu, W. Th, F	·		6 Seminar (Donaldson) H 23 Tu 3:00 5:00 Prorein Work in Nourclopy for one Quarter	(Barnes and Living stun)  Lab.: Mo, W, P	1f Requ. Course: required Tu, F (Girsneh) R 14 2c Repr. Course; Tu, F (Clark and Blinchard) R 16 12 Oral Dobates Mo 3:00-6:00 (fild, Lovett,	(Stagg) First Division 3:15 Second Division 4:15	15 Elum'y Cuurse (Farniss) 3: 15		3:00
		4 Syntax of Article and None in N.T. (Enrton) Tb 28 T, F 4:00-6:00 17A Studies in Life of Christ	Th 4:00-6:00	62 Seminar (Shorey) C 2 B W 4:00 6:00	52 Seminar I, continued (Hendrickson) © 2 B F 4:00-6 00 59 Seminar IV, continued (Hale) © 2 B N	Note — Similents who had in their study of Franch in the Uni- yorsity will begin with	41A Old High German (Schmidt -War- tenberg) © 9 B	26 Early Mid. Eng. (Manly) C. 136 History of Old Eng. Lit. (Blackburn) C. 9 m  2 Interm. Course in Eng. Comp. 4 Tn (Brubte) C. 9 m  59 Romantic Privod (Reynolds) W. Fri., 4 00 6:00. C. 8 m  76 Crit. Writings of Coloridge Tu, Th, 4-6 (MacClintock) C. 8 m  48 Problems in Hist'y of Drama (Manly) C. 15 m	(Mac(lintuck) © 8 D T <sub>1</sub> Th 4:00-6:00		Theory of Orlita			31 Principles and Theories of Geology (Chamberlin) TA Preregu XXI-7, 5, or equivalents. 28 Structural Geology, or Theory of Ore Deposits		In order to their the word outlined, inevers has average of one or two attitudal had days per week on it be equal in dissection. If dissection rooms according, are oper every day from the 30 units of the second o			21 Plant Chemies (Barnes and Livin, ston) Lect.: 7, Th Lab fee, see 3.181	Blunchard) C 3 c	2c Wrestling and Hoavy Dumbbells () 4: z	1c Elem'y Conran (Furniss) 4:15		4:00
		(Mathews) 10 28 Mo, Th 4: 00 6:00				mission will begin with Course 2: and huse who receive credit for tree nint; will begin with Course 3: Stailents should comman! the Amanata Register, 1890, p. 285, lefter registering for Courses—1.		W 4:00-6:00	Note — The Courses of this Depart- ment are not open to Junior College sindents, except		Courses 54 56		Cunrses 8, 9, 10, 11, 12, 13, 18, 19, 20, 26, 26, 27, 334, 33b, 33r, 334, 34, and 43, see p. 6.	(Van Hise) VO 2 Prorequ 4 and 8	<sup>1</sup> Courses I ami <sup>2</sup> , or two cutures in Botauty are required of shulent in College of Schene who till present Moology, Botauty, or Biol ogy on admission Courses 16, 25B, 28, 32	lation chart sand taken a practic calcramination If, however the student wishes the recommen- lation of the Department to medical school, be must, o part of his last discellen, pas a wilton examination on the general subjects careful is Courses 7, 4, 5, and 6	11 Research Workin Gen'l and Hpec'l Physiology DM (Loob) P4 (See 8 30)		4 Fourses I, and Jur Juf I is Dept or Feet I and 2 of The Michael Park, as required of at dents in the Col of Noise who this not receive credit fone unit of general fielogy. Zeology, or Botany, on win sion  Conrace 18, 28, and 2	इ. । ११ - १९ - ११ - ११ -	4a (ieneral Work  ( ) 5.0  XXX-3 Military Drill  (1)aSimbre) 3 afternoon Open to Sen Coll, and tirelnat Students 3a Physical Examinu- tions Required of undergraduate st	Course (W)  5:15 Protonii	isic /iliianis) 12 16	5:00
	Course B4 see p. 6			Соцгае 37 вее р. в				Course 24 so . 6	Contaca Contaca	Course 36A, B, C, see p. 6	69, see p. 6	see p. 6	p. 6.	34, see p. 6	36, 3B, 40, and p. 6	Courses B, 9,10, 11, 12 see p. 6	U		800 p. 6		dents	1 1	U.	

# LABORATORY, RESEARCH, AND SEMINAR COURSES

in which the hours are to be arranged with the Instructors.

#### IA. PHILOSOPHY.

14 Experimental Psychology: Research Course (Angell and Fite).

# II. POLITICAL ECONOMY.

54 Economic Seminar (Laughlin).

#### IV. HISTORY.

96 Seminar in American History, Saturdays, 10:30-12:30 (Mc-Laughlin).

VIII. SEMITIC LANGUAGES AND LITERATURES.

84q Babylonian Psalms and Addresses (R. F. Harper).

#### XI. GREEK.

37 Plutarchus De musica, Aristides Quintilianus: Loci ex Athenaeo (Seidenadel).

# XV. ENGLISH.

24 Old English: Special Reading. M or Mj (Blackburn).

# XVII. MATHEMATICS.

35A, B, C Mathematical Reading and Research (Moore, Bolza, and Maschke).

# XVIII. ASTRONOMY.

At the Yerkes Observatory,

- 54 Solar Physics. DMj (Hale).
- 56 Stellar Spectroscopy: DMj (Hale).
- 59 Astronomical and Astrophysical Research (Hale, Barnard, and Frost).

Prerequ. for Courses 54, 56, 59: Practical Astronomy, Advanced Physics, and Laboratory Practice; Spectrum Analysis.

# XIX. PHYSICS.

33 Research Course. DMj (Michelson).

6. 7 Qualitative Analysis 2 (Stieglitz).

33b Research. DMi (Smith).

33c Research. DMj (Lengfeld).

### XX. CHEMISTRY.

Prerequ.: XX-1, 2, 3, or 4 and 5, or 1B and 2B.	
8 Advanced Qualitative Analysis.2 Mj or DM (Stieglitz).	Tk 31
Prerequ.: XX-7.	
9, 10 Quantitative Analysis 2 (Stieglitz).	TR 31
Prerequ.: XX-6, 7.	
11 Advanced Quantitative Analysis.2 Mj or DM (Stieglitz).	TR 31
Prorequ.: XX-10.	
12 Elementary Spectrum Analysis. ½Mj (Jones)	TR 43
13 Special Methods in Quantitative Analysis. Mj or	DM
(Stieglitz).	Tk 31
Prerequ.: Quantitative Analysis.	
18, 19, 20 Organic Preparations.3 M or DM (Nef).	TR 21
25, 26, 27 Inorganic Preparations.3 Mj or DMj (Lengfeld).	TR 21
Prerequ.; XX-7, 10.	
33a Research DMi (Nof)	Th 24

33d	Research.	DMj	(Stieglitz).
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TR 24

34 Physico-Chemical Methods. ½Mj (Lengfeld)

TR 24

43 Journal Meetings (Nef)

TR 22

Tourses 1 and 2, or Course 4, are required of students in the College of Science who did not receive credit for Chemistry on admission.—The lectures and classroom work of Course 1 may be taken by Graduate students without the Laboratory work or Laboratory fee.

<sup>2</sup>Courses 6, 7, and 8 constitute three Quarters' work, and may be begun any quarter. The student registering for his first quarter's work in Qualitative Analysis registers for 6; for bis second quarter's work, for 7; for his third quarter's work, for 8. Any one of these courses may be taken as a Mj or as a DM. The same arrangement bolds for Courses 9, 10, and 11.

3 Courses 18, 19, and 20 constitute three Quarters' work, and may be begun any quarter. The student registering for his first quarter's work in Organic Preparations registers for 18; for his second quarter's work, for 19; for his third quarter's work, for 20. Any one of these courses may be taken as a Mj or as a DM. The same principles apply to Courses 25, 26, and 27.

Note.—Laboratory fees are due in addition to the tuition fees for all laboratory courses in the Department of Chemistry, as follows: M courses, \$2.50; Mj or DM courses, \$5.00; DMj courses, \$10.00.

#### XXI. GEOLOGY.

22B Special Petrology. Mj or DMj (Iddings).

24 Special Palæontologic Geology. Mj or DMj (Weller).

34 Special Geology (Chamberlin and Salisbury).

#### XXII. ZOÖLOGY.

16 Comparative Embryology of Vertebrata. DMj (Lillie).

Prerequ.: XXII-15.

25B Advanced Bacteriology. Daily (Jordan)

28 Bacteriology: Research. Mj or DMj. Daily (Jordan).

32 Heredity. Mjor DMj (Davenport).

35 Experimental Statistical Zoology. DMj (Davenport).

38 Seminar (Whitman, Davenport, Lillie, and Child).

40 Biological Problems. DMj (Whitman, Lillie, and Child). Note.—Laboratory fees for Laboratory courses: Mj. course, \$2.50; DMj. course, \$5.

# XXIII. ANATOMY.

- 8 Vertebrate Embryology (Lillie).
- 9 Seminar (Barker).
- 10 Advanced Work and Original Research (Barker and Assistants).
- 11 Special Advanced Anatomy for Physicians and Advanced Students: Eye and Ear. DMj (Barker and Flint).
- 12 Special Advanced Anatomy for Physicians and Advanced Students: Nose and Throat. DMj (Barker and Flint).

  Note—The bours for Courses 10, 11 and 12 will be arranged to suit applicants.

  Note.—Laboratory fees for Laboratory courses: Mj. Course, \$2.50; DMj. course, \$5.

# XXV. NEUROLOGY.

10 Research: Neurological Problems. Daily (Donaldson). Prerequ.: Kuowledge of main facts of Neurology.] Lab. fee, \$2.50.

# XXVII. BOTANY.

- 19 Research in Morphology. Mj or DMj (Coulter, Barnes Davis, and Chamberlain). Lab. fee, \$2.50.
- 28 Field Ecology. 1, 2, or 3M. Florida (Cowles).

Consultation required.

29 Research in Ecology. Mj or DMj (Cowles).

TR 24

TR 24

B 22

# II. COURSES OFFERED BY THE FACULTY OF THE DIVINITY SCHOOL

REVISED FOR WINTER QUARTER 1901

	XLI. OLD TESTAMENT LITERATURE AND INTERPRETATION	XLII.  NEW TESTAMENT LITERATURE AND INTERPRETATION	XLIII. BIBLICAL THEOLOGY	XLIX. SYSTEMATIC THEOLOGY	XLV.	XLVI. HOM- ILETICS	VI. SOCI- OLOGY	XXVIII. PUBLIC SPEAKING	MUSIC	LXI. DISCIPLES COURSES
8:30	22 General Survey of O. T. Lit. & History (W. R. Harper) 10 17 A required course.	N. Testament (E. J. Goodspeed)			41 The Puritan Fathers and the New Eng- land Theoc- racy (Hulhert) 10 36	2 Homiletics (Johnson) 15 26				
9:30	1 Hehr. Lang. (W. R. Harper) 10 21 70 Biblical Aramaic (R. F. Harper) M 1T 10 23 71 Targum (R. F. Harper) M 2 T 10 23	44 Rapid reading in the Septuagint (E. J. Goodspeed)			3 Prior to Constantine (Hulhert) to 36 A required course. 26B The German Church in Recent Times (Johnson to 26				Science	
11:00	7 Heb. Sight Reading: %Mj (Smith) 1533 69 Rahbinical Philosophy DMj. 11:00-1:00 (Hirsch) 15 21 115 Semitic Seminar III (W. R. Harper) Mo. 11:00-1:00 15 21	courses.		8 Patristic Theology (Smith) 10 26 Prerequ: A knowl- edge of Greek phi- losophy.			56 The Group of Industrials (Henderson)		Faculties of Arts, Literature, and	
12:00	33 Contemporary Hist. of the Old Testament. Egypt, Bahy- lonia, Assyria (G. S. Goodspeed) 10 31			31 The Doctrines of the Holy Spirit and of Grace (Smith) 15 26			lan- thropy (Hen- de <b>r</b> -	Expr'n Clark & Blanch-	in the	9 The Aim of the Disciples (Gates) 10 36
2:00	13 Books of Kings and their par- allel Assyrian Records (Price) 10 21			1 Apologetics I. The Essential Nature of the Christian religion (Foster) to 36 A required course.		3 History of Preach- ing (Anderson) 10 26			See the announcements	
3:00	20 The Psalter in Hehrew (Price) 15 21	15 General Survey of the N.T. Literature, (Burton) 15 28 A required course.		33 Kaftan's Dogmatik (Foster)	•	4 Plans and Ser- mons (Anderson) 10 26				
4:00		17S Studies in the Life of Christ Mo, Th, 4:00-6:00 (Mathews) 10 28 4 Syntax of the article and noun in the New Testament (Burton) 10 28 T, F, 4:00-6:00					59 Seminar Methods of Social Amelioration (Henderson)			
5:00							Tu, 4:00- 6:00 C 2 C			

# EXPLANATIONS AND NOTES

# I. MATRICULATION AND REGISTRATION.

# 1. Time of Registration.

- a) Students in residence during the Autumn Quarter will register for the Winter Quarter beginning Tuesday, December 11, 1900.
- b) Students entering the University for the first time, or resuming work after an absence of a quarter, will register for the Winter Quarter on or before Wednesday, January 2, 1901.
- 2. Order of Registration. The usual registration cards will be tilled with names of departments and numbers of courses selected, and will be left with the clerk of the dean with whom registration is
- 3. Changes in Registration.—Registration being once effected, change of the same is permitted only 1) with the consent of the Dean, and 2) on payment of a fee of one dollar for each instance of change. (See II, No. 4.)
- 4. Abbreviations. The following abbreviations are

# a) For Buildings:

A = Anatomy Building.

B = Botany Building.

C = Cobb Lecture Hall.

G = Gymnasium Building.

1 = Haskell Museum.

R = Kent Chemical Laboratory.

KI = Kelly Hall.

D=Physiology Building.
R=Ryerson Physical Laboratory.
U = Walker Museum.

Yerkes Observatory.
 Zerkes Observatory.
 Zerkes Observatory.

- b) For Rooms: A, B, C, and D refer to the floors in Cobb Lecture Hall, beginning with the ground floor as A. The rooms are numbered, e.g., C2D = Cobb Hall, Room No. 2, 4th floor.
- 5. Required Physical Culture. Juniors are required to take continuous work in Physical Culture, and will register each quarter for a course in that department. Seniors elect courses in Physical Culture during at least four quarters, and will in no case omit to register for a course in that department except after securing the written approval of the Director of Physical Culture, and presenting the same to the Dean at the time of registration.
- 6. Military Science and Tactics. Students may register for Military Science in lieu of required work in the Department of Physical Culture.
- 7. Required Elocution. All Juniors upon completing the first Major in required English will register for Elocution during the next two successive quar-
- 8. Other Required Subjects. For all other required courses see the CIRCULAR OF INFORMATION of the Colleges.

# II. FEES.

ALL FEES ARE PAYABLE TO THE REGISTRAR, COBB LECTURE HALL, ROOM A 1.

Special Notice.—All tuition and laboratory fees are due and payable on or before the first day of EACH QUARTER.

- 1. Matriculation Fee.—The Matriculation fee is \$5.00.
- 2. Tuition Fee.-

 a) The Tuition fee is \$40.00 (including the library and incidental fee, \$5.00) for regular work (3 Majors or their equivalent); there is no reduction for those taking only 2 Majors.

b) A reduction is made in case of students taking only 1 Major (or equivalent), one half the full

tuition fee being charged.

c) Undergraduate (including Unclassified) students taking more than 3 Majors, will be charged (in addition to the regular tuition fee), at the rate of \$15.00 for each additional Major.

- Fee for Late Registration.—An extra fee of \$5.00 will be charged all students who fail to register within the appointed registration periods, as announced above, or who fail to pay all University bills before the close of the fifth day of the quarter.
- 4. Fee for Change of Registration.-The fee for a change of registration is one dollar. The student in such case will present to the Registrar a permit from his dean.

5. Laboratory Fee .-

a) A Laboratory fee of \$5.00 will be charged for each Major course in Chemistry, and \$2.50 for each Major course in each of the Biological Departments (XXII-XXVII). Ten dollars (\$10.00) is the maximum charge for Laboratory work in any one department. (M and DMj courses will be charged in proportion.)

b) In addition to the regular Laboratory fee, students will procure a coupon ticket, entitling them to \$5.00 worth of Laboratory material.

Unused portions will be redeemed.

6. Room Rents, varying from \$20 to \$57 per quarter, are payable not later than the fifth day of each

By the munificence of Mr. John D. Rockefeller, Divinity Halls, accommodating 140 students, have been erected upon the University grounds in which furnished rooms are rented to students regularly matriculated in the Divinity School at from \$8.00 to \$12.00 a quarter, this charge being intended to cover the expense of heat, light, and care of room. Applications for rooms should be sent to the

Registrar of the University.

7. Divinity Scholarships and Fellowships.—Through the cooperation of the University, the Baptist Theological Union, and the Northwestern Baptist Education Society, the Graduate Divinity School is able to offer to approved applicants Annual Scholarships varying from \$105.00 to \$255.00 a year (\$35.00 to \$85.00 a quarter), and to a limited number of students Fellowships of \$420.00 a year.

To applicants whose credentials are satisfactory, these Scholarships and Fellowships will be assigned before the student comes to the University. Students who desire to receive such aid are

advised to make application in advance. Address, The University of Chicago, Chicago, Ill.